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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				CLOSURE	Filing Date	April 16, 2004	
				PLICANT	First Named Inventor	Mingyan LIU	
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PADEMA	W.				Examiner Name		
	Sheet	1	of	2	Attorney Docket No.	4004-441	

U.S. PATENT DOCUMENTS						
Examiner Cite		Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant	
/PP/	NO.	Number-Kind Code <sup>2</sup> (If known)			Figures Appear	
1111		4,846,244	12-1998	- Cripe		
		4,936,848	06-1990	Bagby		
		5,015,247	05-1991	Michelson		
		5,062,845	11-1991	Kuslich et al.		
		5,190,548	03-1993	Davis		
		5,250,061	10-1993	Michelson		
		5,304,191	04-1994	Gosselin		
		5,306,309	04-1994	Wagner et al.		
		5,425,772	06-1995	Brantigan		
		5,443,514	08-1995	Steffee		
		5,445,639	08-1995	Kuslich et al.		
		5,458,638	10-1995	Kuslich et al.		
		5,484,437	01-1996	Michelson		
		5,499,984	03-1996	Steiner et al.		
		5,607,424	04-1997	Tropiano		
		5,609,635	03-1997	Michelson		
		5,609,636	03-1997	Kohrs et al.		
		5,649,945	07-1997	Ray		
•		5,669,909	09-1997	Zdeblick et al.		
		5,683,463	11-1997	Godefroy et al.		
		5,697,977	12-1997	Pisharodi		
		5,720,749	02-1998	Rupp		
		5,766,252	06-1998	Henry et al.		
		5,782,830	07-1998	Farris		
	-	5,857,995	01-1999	Thomas et al.		
		5,888,224	03-1999	Beckers et al.		
		5,888,227	03-1999	Cottle		
7/		5,893,890	04-1999	Pisharodi		
V		6,080,158	06-2000	Lin		

Examiner Signature	Date Considered	·

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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				Complete if Known		
Substitu	ute for form 144	9A/PTO		Application Number	10/825,767	
INI	FORMATI	ON DIS	CLOSURE	Filing Date	April 16, 2004	
			PLICANT	First Named Inventor	Mingyan LIU	
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	(boo as many			Examiner Name		
Sheet	2	of	2	Attorney Docket No.	4004-441	

FOREIGN PATENT DOCUMENTS								
Examiner	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Application of Cited	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	τ*		
initials*	NO.	Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>8</sup> (If known)	MM-DD-TTTT	Document				
/PP/		DE 3630863 A1	03-1988					
		EP 0195455 A1	03-1986			Г		
		EP 0276153 A2	07-1988					
		EP 0493698 B1	07-1992					
		EP 0637440A1	02-1995			$\Box$		
		EP 0646366A1	04-1995			$\Box$		
		EP 0834295 A1	04-1998			$\sqcap$		
		FR 2724312	03-1996					
		FR 2727004	05-1996		· · · · · · · · · · · · · · · · · · ·	T		
		FR 2736538	01-1997					
		FR 2742044	06-1997			X		
		FR 2742653	06-1997					
	-	FR 2760355	09-1998					
		WO 94/10927	05-1994					
		WO 95/08306	03-1995	<u> </u>		T-		
, ,		WO 96/27348	09-1996			T		
lack lack		WO 97/23174	03-1997					

Examiner Signature	/Paul Prebilic/	_	Date Considered	03/30/2007

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